

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Pado	Attorney Docket No.	BO1-0269US
Serial No.:	10/653,010	Group Art Unit:	2129
Filing Date:	August 28, 2003	Examiner:	Hirl, Joseph P.
Title:	NEURAL NETWORK PREDICTIVE CONTROL COST FUNCTION DESIGNER		

**RESPONSE TO OFFICE ACTION DATED APRIL 30, 2007**

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**Customer No. 60483**

**INTRODUCTORY COMMENTS**

This communication is responsive to the Office Action dated April 30, 2007. Please amend the above-captioned application as follows:

**Amendments to the Claims** begin on page 2 of this document.

**Remarks** begin on page 23 of this document.